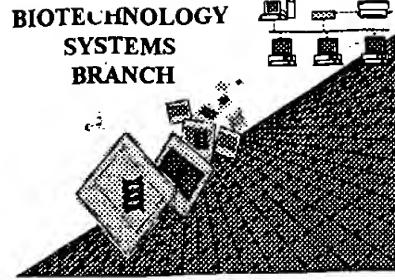


BEST AVAILABLE COPY

RAW SEQUENCE LISTING ERROR REPORT



0823

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/928,048
Source: O1PE
Date Processed by STIC: 8/23/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/928,048

DATE: 08/23/2001
TIME: 15:01:19

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I928048.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Cantor, Thomas L.
6 <120> TITLE OF INVENTION: Methods and Devices for Direct Determination of Cyclase
Inhibiting
7 Parathyroid Hormone
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/928,048
C--> 9 <141> CURRENT FILING DATE: 2001-08-10
W--> 0 <130> FILE REFERENCE:
9 <160> NUMBER OF SEQ ID NOS: 5
11 <170> SOFTWARE: Microsoft Word 2000 - ASCII format

MP 1-2

ERRORED SEQUENCES

42 <210> SEQ ID NO: 3 *delete*
44 <211> LENGTH: 84 [integer length]
46 <212> TYPE: PRT
48 <213> ORGANISM: human parathyroid hormone peptide fragment
50 <400> SEQUENCE: 3
52 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu
53 1 5 10 15
55 Asn Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp
56 20 25 30
58 Val His Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp
59 35 40 45
61 Ala Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val
62 50 55 60
64 Glu Ser His Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val
65 65 70 75
E--> 67 Asn Val Leu *Thyr* Lys Ala Lys Ser Gln *invalid*
68 80
71 <210> SEQ ID NO: 4 *delete*
73 <211> LENGTH: 83 [integer length]
75 <212> TYPE: PRT
77 <213> ORGANISM: human parathyroid hormone peptide fragment
79 <400> SEQUENCE: 4
81 Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
82 1 5 10 15
84 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val
85 20 25 30
87 His Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala
88 35 40 45
90 Gly Ser Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu
91 50 55 60
93 Ser His Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val Asn
94 65 70 75
E--> 96 Val Leu *Thyr* Lys Ala Lys Ser Gln
97 80
99 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/928,048

DATE: 08/23/2001
TIME: 15:01:19

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I928048.raw

101 <211> LENGTH: 51 [integer length]
103 <212> TYPE: PRT
105 <213> ORGANISM: human parathyroid hormone peptide fragment
107 <400> SEQUENCE: 5
109 Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser
110 1 5 10 15
112 Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His
113 20 25 30
115 Glu Lys Ser Leu Gly Glu Ala Asn Lys Ala Asp Val Asn Val Leu
116 35 40 45
E--> 118 Thy^r Lys Ala Lys Ser Gln
119 50

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/928,048

DATE: 08/23/2001
TIME: 15:01:20

Input Set : A:\ES.txt
Output Set: N:\CRF3\08162001\I928048.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, FILE REFERENCE
L:67 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:67 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:96 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:96 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:118 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:118 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1